

DTIC FILE COPY

1

AD-A224 653

Technical Report  
for the  
Cargo Movement Operations System (CMOS)

Software Test Plan  
Final

DTIC  
ELECTE  
JUL 24 1990  
S D & D

26 JULY 1990

Prepared under

Contract Number F11624-88-D-0001/6K12  
CDRL A004-59

Prepared for

Standard Systems Center (SSC)  
Deputy Chief of Staff for Acquisition  
Cargo Movement Operations System Division  
Gunter AFB, AL 36114

**DISTRIBUTION STATEMENT A**

Approved for public release  
Distribution Unlimited

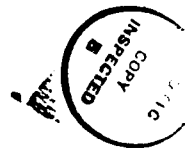
Prepared by

Science Applications International Corporation (SAIC)  
6 Eagle Center, Suite 2,  
O'Fallon, IL 62269

90 07 23 129

# Table of Contents


		<u>Page</u>
Section I		
	Introduction	ii
	Summary	ii
	Conclusion	ii
Section II		
	Results	iii



Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By <i>AD-A223435</i>	
Distribution /	
Availability Codes	
Dist	Avail and/or Special
<i>A-1</i>	

## SECTION I.

### INTRODUCTION.

The purpose of this Technical Report is to review the Software Test Plan, Final, CDRL A007-03, which was produced for the Government by Evaluation Research Corporation. The results are provided in the form of Data Item Discrepancy worksheets as requested by the CMOS Program Office. 

SUMMARY. Not Used.

CONCLUSION. Not Used.

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item Discrepancy worksheets.

ORIGINATOR CONTROL NUMBER: STP-0001  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-03

DATE: 07/26/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 62

PARA NUMBER: Table 4.2.1.1

COMMENT OR RECOMMENDED CHANGE:

Change the STP paragraph references in this table.

RATIONALE:

The STP paragraph references are to the first component of the interface, not to the paragraph which describes the interface itself. For example, the paragraph reference for the DDN Adapter-DDN Handler Interface should be 4.2.4.23, not 4.2.4.1.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: STP-0002  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-03

DATE: 07/26/90

ORIGINATOR NAME: John J.Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: 63

PARA NUMBER: Table 4.2.1.2

COMMENT OR RECOMMENDED CHANGE:

Replace the reference to the Source and Destination STP paragraphs with a reference to the paragraph of the STP which tests the interface itself.

RATIONALE:

Each internal interface of the CSCI needs to be tested. Tests of the source and destination elements do not constitute a complete test of the interface.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: STP-0003  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-03

DATE: 07/26/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 82

PARA NUMBER: 4.3.1

COMMENT OR RECOMMENDED CHANGE:

Add test descriptions for the interfaces listed in Tables 4.3.1.1 and 4.3.1.2, and reference those paragraphs in the tables.

RATIONALE:

None of the interfaces listed in the tables of paragraphs 4.3.1.1 and 4.3.1.2 have associated paragraphs in this section which describe the tests associated with these interfaces. Test descriptions similar to those found in paragraphs 4.2.4.23 through 4.2.4.33 should be added to this section.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: STP-0004  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A007-03

DATE: 07/26/90

ORIGINATOR NAME: John J. Brassil

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X      EDITORIAL:

PAGE NUMBER: 82

PARA NUMBER: Table 4.3.1.1

COMMENT OR RECOMMENDED CHANGE:

Change the names of the external interfaces to be consistent with the method used elsewhere in the document.

RATIONALE:

The names of the interfaces listed in the tables of paragraphs 4.2.1.1, 4.2.1.2, and 4.3.1.2 are composed of the names of both sides of the interface separated by a hyphen, as in "DDN-UNIX Interface". This convention is not followed for Table 4.3.1.1, nor in many cases is it possible to determine what two elements the interface is between.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]